In re the Application of: Masanori CHIKUBA, et al.

Group Art Unit: 3723

Serial Number: 09/591,508

Examiner: Robert ROSE

Filed: June 12, 2000

P.T.O. Confirmation No.: 3585

METHOD AND APPARATUS FOR GRINDING MAGNETIC MEMBER AND METHOD AND APPARATUS FOR TREATING WASTE FLUID

#### **REQUEST FOR RETURN OF FORM PTO-1449**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

April 30, 2004

Sir:

Information Disclosure Statements were filed on June 28, 2002, September 13, 2002, October 24, 2002, December 5, 2002, February 28, 2003, March 21, 2003 and February 27, 2004. Copies of these Information Disclosure Statements are attached.

It is respectfully requested that the Examiner return copies of the Forms PTO-1449, which accompanied the Information Disclosure Statements, marked to indicate that the references listed therein had been considered by the Office.

The Examiner is requested to telephone the undersigned should he have any questions concerning this Request.

Respectfully submitted,

ARMSTRONG, KRAJĘZ, QUINTOS,

HANSON & BROOK & TO

RECEIVED MAY 0 4 2004

TECHNOLOGY CENTER R3700

Mel R. Quintos

Attorney for Applicants

Reg. No. 31,898

MRQ/lrj

Atty. Docket No. 000736

**Suite 1000** 

1725 K Street, N.W.

Washington, D.C. 20006

(202) 659-2930

22950

23850

PATENT TRADEMARK OFFICE

Enclosures:

Information Disclosure Statement filed on 6/28/02, 9/13/02,

10/24/02, 12/5/02, 2/28/03, 3/21/03 and 2/27/04.

and Date Stamped Post Cards (copies)



U.S. Patent Application Serial No: 09/591,508 Docket No: 000736. Filed: 06/12/00

Patent Number:

Issued:

Applicant(s): CHIKUBA, et al.

Papers filed herewith on: 06/28/02

Other: INFORMATION DISCLOSURE STATEMENT, W/PTO-1449 (4 REFS).



## COMMISSIONER OF PATENTS

Receipt is hereby acknowledged of the papers filed as indicated in connection with the above-identified case. MRQ/LRJ

RECEIVED
MAY 0 4, 2004
TECHNOLOGY CENTER TO.

In re the Application of:

Masanori CHIKUBA, et al

Serial No.: 09/591,508

Filed: June 12, 2000

Group Art Unit: 3723

Examiner: Willie BERRY Jr.

For: METHOD AND APPARATUS FOR GRINDING MAGNETIC MEMBER AND METHOD AND APPARATUS FOR TREATING WASTE FLUID

# INFORMATION DISCLOSURE STATEMENT AND STATEMENT PURSUANT TO 37 CFR 1.97(c)

Commissioner for Patents Washington, D.C. 20231

RECEIVED MAY 0 4 2004 June 28, 2002

Sir:

## **TECHNOLOGY CENTER R3700**

The attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. One copy of each of these references is attached.

This Information Disclosure Statement is being submitted after issuance of a first official action on the merits and expiration of the three month period following the filing date or the entry in the national stage for the above-captioned application, but prior to issuance of either a final official action, a Notice of Allowance, or an action that otherwise closes prosecution in the application.

The undersigned hereby certifies that each item of information contained in this statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

The above information is presented so that the Patent and Trademark Office may, in the first

instance, determine any materiality thereof to the claimed invention. See 37 CFR 1.104(a)

concerning the PTO duty to consider and use any such information. It is respectfully requested that

the information be expressly considered during the prosecution of this application, and that the

references cited in the attached Form PTO-1449 be made of record therein and appear on the first

page of any patent to issue therefrom.

The Commissioner is authorized to charge Deposit Account No. 01-2340 for any fee which

is deemed by the Patent and Trademark Office to be required to effect consideration of this

statement. Two copies of this authorization are attached.

Respectfully Submitted,

ARMSTRONG, WESTERMAN & HATTORI, LLP

Mel R. Quintos Attorney for Applicant

Reg. No. 31,898

MRQ/lrj

Atty. Docket No. 000736 Suite 1000,1725 K Street, N.W. Washington, D.C. 20006

(202) 659-2930

23850

PATENT TRADEMARK OFFICE

Enclosures:

PTO-1449, 4 References

INFORMATION	Atty. Docket No. 000736 Serial No. 09/591,508				
DISCLOSURE CITATION	Applicant(s): Masanori CHIKUBA et al.				
01P &TO-1449	Filing Date: June 12, 2000	Group Art Unit: 3723			

APR 3 0 2004

## **U.S. PATENT DOCUMENTS**

Initial	<i>,</i>	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
	AA	5,938,935	Schimion	08/17/99	210	695	
	AB						
	AC						
	AD						
	ΑE						

## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Translation (Yes or No)
AF	333472	06/11/98	Taiwan	No
 AG	363711	05/25/84	Taiwan	Partial
 АН				<b>D</b> ==
 AI				RECEIVER MAY 0 4 2004
AJ				MAY 0 4 2004

TECHNOLOGY CENTER R3700

## OTHER DOCUMENTS

	Notice of Rejection to the corresponding Taiwanese Patent Application No. 8911139 (and translation thereof).  *Note: U.S. Patent No. 5,938,935 corresponds to Taiwanese Patent No. 333472)*	
Examiner	Date Considered	



U.S. Patent Application

Docket No: 000736

Serial No: 09/591,508

Issued:

Filed: 06/12/00

Patent Number:

Applicant(s): CHIKUBA, et al.

Papers filed herewith on: 09/13/02

Fees: \$ 180.00

Other: IDS; 1449; 3 references



COMMISSIONER OF

Receipt is hereby acknowledged of the papers filed as indicated in connection with the above-identified case.

MRQ/CJP

3743.016

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TECHNOLOGY CENTER D.

In re the Application of: CHIKUBA, et al.

APR 3 0 200

Group Art Unit: 3723

Serial No.: 09/591,508

Examiner: BERRY, JR., Willie Wendel

Filed: June 12, 2000

METHOD AND APPARATUS FOR GRINDING MAGNETIC MEMBER AND METHOD AND APPARATUS FOR TREATING WASTE FLUID

# SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT AND STATEMENT PURSUANT TO 37 CFR 1.97(d)

Commissioner for Patents Washington, D.C. 20231

RECEIVED
MAY 0 4 2004

Attn: Group Director

September 13, 2002

Sir:

For.

TECHNOLOGY CENTER R3700

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached.

This Information Disclosure Statement is submitted after the mailing of a final action, a Notice of Allowance, or an action that otherwise closes prosecution in the application, but on or before payment of the Issue Fee.

The undersigned hereby certifies

XX that no item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no information contained in this statement was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this statement.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

A check is attached hereto which covers the \$180.00 fee set forth in 37 CFR § 1.17(p). The Commissioner is hereby authorized to charge any additional fee (or credit any overpayment) associated with this Statement to our Deposit Account No. 01-2340. Two copies of this authorization are attached.

Respectfully submitted,

ARMSTRONG, WESTERMAN & HATTORI, LLP

Mel R. Quintos Attorney for Applicant Reg. No. 31,898

MRQ/cjp

Atty. Docket No. **000736** Suite 1000, 1725 K Street, N.W. Washington, D.C. 20006 (202) 659-2930

PATENT TRADEMARK OFFICE

Enclosure: \$180.00 fee

INFORMATION	Atty. Docket No. 000736	Serial No. 09/591,508
DISCLOSURE CITATION	Applicant(s): CHIKUBA, et al.	
PTO-1449	Filing Date: June 12, 2000	Group Art Unit: 3723

## U.S. PATENT DOCUMENTS

Laminer Initial		Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
	AA						

## FOREIGN PATENT DOCUMENTS

Document No.		Date	Country	Translation (Yes or No)	
	AB	10-217119	8/18/98	Japan	Abstract
	AC	10-175172	6/30/98	Japan	Abstract

## **OTHER DOCUMENTS**

	AD	Notification of Reason(s) for Refusal to the corresponding Japanese Patent Application No. 2000-181988 (and translation thereof (2 pages)) dated 8/20/02.
Examiner		Date Considered

RECEIVED
MAY 0 4 2004
TECHNOLOGY CENTER;



U.S. Patent Application

Docket No: 000736 06/12/00 Filed:

Serial No: 09/591,508

Issued:

Patent Number:

Applicant(s): CHIKUBA, et al.

Papers filed herewith on: 10/24/02

Fees: \$ 180.00

Other: INFORMATION DISCLOSURE STATEMENT; W/PTO-1449 (4 REFERENCES).



#### COMMISSIONER OF PATENTS

Receipt is hereby acknowledged of the papers filed as indicated MRQ/LRJ in connection with the above-identified case.

> RECEIVED MAY 0 4 2004

TECHNOLOGY CENTER IN.

In re the Application of: CHIKUBA, et al.

Group Art Unit: 3723

Serial No.: 09/591,508

Examiner: BERRY, Willie Wendel

Filed: June 12, 2000

P.T.O. Confirmation No.: 3585

For:

METHOD AND APPARATUS FOR GRINDING MAGNETIC MEMBER AND METHOD AND APPARATUS FOR TREATING WASTE FLUID

## INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 CFR 1.97(c)

Commissioner for Patents Washington, D.C. 20231

RECEIVED

MAY 0 4 2004

October 24, 2002

Sir:

**TECHNOLOGY CENTER R3700** 

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached.

This Information Disclosure Statement is being submitted after issuance of a first official action on the merits and expiration of the three month period following the filing date or the entry of the national stage for the above-captioned application, but prior to issuance of either a final official action or a Notice of Allowance. A check is attached hereto which covers the \$ 180.00 fee set forth in 37 CFR 1.17(p).

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. See 37 CFR 1.104(a) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

The Commissioner is hereby authorized to charge any additional fee (or credit any overpayment) associated with this statement to our Deposit Account No. 01-2340. Two copies of this authorization are attached.

Respectfully submitted,

ARMSTRONG, WEŞTERMAN & HATTORI, LLP

Mel R. Quintos
Attorney for Applicants
Reg. No. 31,898

MRQ/lrj

Atty. Docket No. **000736** Suite 1000, 1725 K Street, N.W. Washington, D.C. 20006 (202) 659-2930 23850

PATENT TRADEMARK OFFICE

Enclosures: PTO-1449 and references (4)

Check for \$ 180.00

**INFORMATION DISCLOSURE CITATION** PTO-1449

Atty. Docket No. 000736

Serial No. 09/591,508

Applicant(s): CHIKUBA, et al.

Filing Date: June 12, 2000

Group Art Unit: 3723

## **U.S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
	AA						
<u> </u>	AB						
	AC						
	AD						
	AE						

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Translation (Yes or No)
A	F	10-277874	10/20/98	Japan	Abstract
A	G	10-296018	11/10/98	Japan	Abstract
Al	н	11-276818	10/12/99	Japan	Abstract
A	Ī	11-276926	10/12/99	Japan	Abstract
A.	J				

#### **OTHER DOCUMENTS**

AK	RECEIVED MAY 0 4 2004 TECHNOLOGY CENTER R3700	
Examiner	Date Considered	



22

CARD NO: 18363

U.S. Patent Application Serial No: 09/591,508 Docket No: 000736 Filed: 06/12/00

Patent Number:

Issued:

Applicant(s): CHIKUBA, et al.

Papers filed herewith on: 12/05/02

Other: CORRECTION TO INFORMATION DISCLOSURE STATEMENT FILED 10/24/02.



#### COMMISSIONER OF PATENTS

Receipt is hereby acknowledged of the papers filed as indicated in connection with the above-identified case. MRQ/LRJ



TECHNOLOGY CENTER IN

In re the Application of: CHIKUBA, et al.

Group Art Unit: 3723

Serial No.: 09/591,508

Examiner: BERRY, Willie Wendel

Filed: June 12, 2000

P.T.O. Confirmation No.: 3585

For: METHOD AND APPARATUS FOR GRINDING MAGNETIC MEMBER AND METHOD AND APPARATUS FOR TREATING WASTE FLUID

## CORRECTION TO INFORMATION DISCLOSURE STATEMENT FILED OCTOBER 24, 2002

Commissioner of Patents Washington, D.C. 20231

December 5, 2002

Sir:

The applicants respectfully note that the Information Disclosure Statement (IDS) filed on October 24, 2002 had inadvertently indicated that such October 24, 2002 IDS was filed "prior to issuance of either a final official action or a Notice of Allowance." However, a final Office Action had in fact been mailed out by the U.S. Patent and Trademark Office (U.S. PTO) on July 11, 2002. The applicants and their undersigned representative apologize for this inadvertence.

It is further respectfully noted that the requisite fee of \$180.00, which was paid in the filing of the October 24, 2002 IDS, would have been the government fee required had the IDS filed on RECEIVED

October 24, 2002 not included the above-noted inadvertence.

MAY 0 4 2004

## TECHNOLOGY CENTER R3700

Other than the above-noted inadvertence, the October 24, 2002 IDS is an effective IDS, and its effect for filing copies of the references cited therein for the Examiner's full consideration remains.

The applicants continue to request that the information submitted in the October 24, 2002 IDS be determined as to any materiality thereof to the claimed invention. See, 37 CFR 1.104(a) concerning the U.S. PTO's duty to consider and use any such information. It is again respectfully requested that the information, submitted in the October 24, 2002 IDS, be expressly considered during the prosecution of this application, and that the documents cited in the Form PTO-1449, attached to the October 24, 2002 IDS, be made of record therein and appear on the first page of any patent to issue therefrom.

The Commissioner is hereby authorized to charge any additional fee (or credit any overpayment) associated with this statement to our Deposit Account No. 01-2340. Two copies of this authorization are attached.

Respectfully submitted,

ARMSTRONG, WESTERMAN & HATTORI, LLP

Mel R. Quintos

Attorney for Applicants Reg. No. 31,898

MRQ/lri

Atty. Docket No. 000736 Suite 1000, 1725 K Street, N.W. Washington, D.C. 20006 (202) 659-2930

23850

PATENT TRADEMARK OFFICE



U.S. Patent Application Serial No: 09/591,508

Docket No: 000736 Filed: 06/12/00

Patent Number:

Issued:

Applicant(s): CHIKUBA, et al.

Papers filed herewith on: 02/28/03

Other: INFORMATION DISCLOSURE STATEMENT W/PTO-1449 ( 6 REFERENCEES) .



## COMMISSIONER OF PATENTS

Receipt is hereby acknowledged of the papers filed as indicated MRQ/LRJ in connection with the above-identified case.

> RECEIVED MAY 0 4 2004

**TECHNOLOGY CENTER R3700** 

In re the Application of: CHIKUBA, et al.

Group Art Unit: 3723

erial No.: 09/591,508

Examiner: BERRY, Willie Wendel

Filed: **June 12, 2000** 

P.T.O. Confirmation No.: 3585

For:

METHOD AND APPARATUS FOR GRINDING MAGNETIC MEMBER AND METHOD AND APPARATUS FOR TREATING WASTE FLUID

# <u>PURSUANT TO 37 CFR 1.97(b)</u>

Commissioner for Patents Washington, D.C. 20231

February 28, 2003

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the issuance of a first official action on the merits or expiration of the three month period following the filing date or the entry of the national stage of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

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TECHNOLOGY CENTER

The Commissioner is authorized to charge our Deposit Account No. 01-2340 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

ARMSTRONG, WESTERMAN & HATTORI, LLP

Mel R. Quintos Attorney for Applicants Reg. No. 31,898

MRQ/lrj

Atty. Docket No. **000736** Suite 1000, 1725 K Street, N.W. Washington, D.C. 20006 (202) 659-2930 22950

23850

PATENT TRADEMARK OFFICE

Enclosures: PTO-1449 and references (6)

INFORMATION
DISCLOSURE
CITATION
PTO-1449

Atty. Docket No. 000736

Serial No. 09/591,508

CITATION Applicant

Applicant(s): CHIKUBA, et al.

Filing Date: June 12, 2000

Group Art Unit: 3723

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
	AA						
	AB			 			

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Translation (Yes or No)
	AC	10-296018	11/10/98	Japan	Abstract
<u> </u>	AD	10-277874	10/20/98	Japan	Abstract
	AE	10-324887	08/12/98	Japan	Abstract
	AF	5-253822	10/05/93	Japan	Abstract
	AG				

OTHER DOCUMENTS

	AH	Decision of Refusal to corresponding Japanese Patent Application No. 2000-181988 (and translation thereof (2 pages)).  Publication for the corresponding Philippine Patent Application No. 1-2000-01515; IPO Gazette Vol. V No. 9 released on December 10, 2002.
Examiner		Date Considered

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U.S. Patent Application

Docket No: 000736 Filed: 06/12/00

Serial No: 09/591,508

Issued:

Patent Number:

Applicant(s): CHIKUBA, et al.

Papers filed herewith on: 03/21/03

Other: SUBSTITUTE INFORMATION DISCLOSURE STATEMENT

W/PTO-1449



## COMMISSIONER OF PATENTS

Receipt is hereby acknowledged of the papers filed as indicated in connection with the above identified case.  ${\tt MRQ/LRJ}$ 

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TECHNOLOGY CENTE.

In re the Application of: CHIKUBA, et al.

Group Art Unit: 3723

Serial No.: 09/591,508

Examiner: BERRY, Willie Wendel

Filed: June 12, 2000

P.T.O. Confirmation No.: 3585

For:

METHOD AND APPARATUS FOR GRINDING MAGNETIC MEMBER AND METHOD AND APPARATUS FOR TREATING WASTE FLUID

## SUBSTITUTE INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 CFR 1.97(b)

Commissioner for Patents Washington, D.C. 20231

RECEIVED MAY 0 4 2004

March 21, 2003

Sir:

TECHNOLOGY CENTER R3700
Submitted herewith is a Substitute Information Disclosure Statement for the above-identified application, which is a substitute for the Information Disclosure Statement filed February 28, 2003. A copy of each of the references cited in the PTO-1449 was attached to the Information Disclosure Statement filed February 28, 2003.

This Substitute Information Disclosure is filed herewith in order to correct the Transmittal cover sheet filed with the February 28, 2003 Information Disclosure Statement.

This Substitute Information Disclosure Statement is submitted after the mailing of a final action, a Notice of Allowance, or an action that otherwise closes prosecution in the application, but on or before payment of the Issue Fee.

The undersigned hereby certifies that no item of information contained in the February 28, 2003 Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no information contained in that statement was known to any individual

designated in 37 CFR § 1.56(c) more than three months prior to the filing of that statement.

The above information is presented so that the Patent and Trademark Office can, in the first

instance, determine any materiality thereof to the claimed invention. It is respectfully requested that

the information be expressly considered during the prosecution of this application, and that the

documents cited in the attached Form PTO-1449 be made of record therein and appear on the first

page of any patent to issue therefrom.

A check is attached hereto which covers the \$130.00 fee set forth in 37 CFR § 1.17(p). The

Commissioner is hereby authorized to charge any additional fee (or credit any overpayment)

associated with this Statement to our Deposit Account No. 01-2340.

Respectfully submitted,

ARMSTRONG, WESTERMAN & HATTORI, LLP

Mel R. Quintos Attorney for Applicants

Reg. No. 31,898

MRQ/lri

Atty. Docket No. **000736** Suite 1000, 1725 K Street, N.W. Washington, D.C. 20006

(202) 659-2930

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23850

PATENT TRADEMARK OFFICE

Enclosures: Supplemental PTO-1449 and references (6)

SUPPLEMENTAL
INFORMATION
DISCLOSURE
CITATION
PTO-1449

Atty. Docket No. 000736 Serial No. 09/591,508

Applicant(s): CHIKUBA, et al.

Filing Date: June 12, 2000 Group Art Unit: 3723

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#### **U.S. PATENT DOCUMENTS**

Evaininer Initial		Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
	AA						
	AB						

#### FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Translation (Yes or No)
 AC	10-296018	11/10/98	Japan	Abstract
 AD	10-277874	10/20/98	Japan	Abstract
 AE	10-324887	08/12/98	Japan	Abstract
 AF	5-253822	10/05/93	Japan	Abstract
 AG				

#### OTHER DOCUMENTS

	AH	Decision of Refusal to corresponding Japanese Patent Application No. 2000-181988 (and translation thereof (2 pages)).  Publication for the corresponding Philippine Patent Application No. 1-2000-01515; IPO Gazette Vol. V No. 9 released on December 10, 2002.	ing Philippine Patent Application No. 1-2000-01515; ased on December 10, 2002.			
Examiner		Date Considered				

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TECHNOLOGY CENTER IS



U.S. Patent Application

Docket No: 000736 Filed: 06/12/00

Serial No: 09/591,508 Patent Number:

Issued:

Applicant(s): MASANORI CHIKUBA ET AL.

Papers filed herewith on: 02/27/04

Pees: \$ 180.00

Other: INFORMATION DISCLOSURE STATEMENT; W/PTO-1449 (3 REFS) & GERMAN OFFICE ACTION.



#### COMMISSIONER OF PATENTS

Receipt is hereby acknowledged of the papers filed as indicated in connection with the above-identified case.  $${\tt MRQ/LRJ}$$ 

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MAY 0 4 2004
TECHNOLOGY CENTER R3700

In re the Application of: Masanori CHIKUBA, et al.

Group Art Unit: 3723

Serial No.: **09/591,508** 

Examiner: Robert ROSE

Filed: June 12, 2000

P.T.O. Confirmation No.: 3585

For:

METHOD AND APPARATUS FOR GRINDING MAGNETIC MEMBER AND METHOD AND APPARATUS FOR TREATING WASTE FLUID

## INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 CFR 1.97(c)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

RECEIVED
MAY 0 4 2004

February 27, 2004

Sir:

**TECHNOLOGY CENTER R3700** 

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached.

This Information Disclosure Statement is being submitted after issuance of a first official action on the merits and expiration of the three month period following the filing date or the entry of the national stage for the above-captioned application, but prior to issuance of either a final official action or a Notice of Allowance. A check is attached hereto which covers the \$ 180.00 fee set forth in 37 CFR 1.17(p).

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. See 37 CFR 1.104(a) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the

documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

The Commissioner is hereby authorized to charge any additional fee (or credit any overpayment) associated with this statement to our Deposit Account No. 01-2340.

Respectfully submitted,

ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP

Mel R. Quintos Attorney for Applicants Reg. No. 31,898

MRQ/lrj Atty. Docket No. **000736** Suite 1000 1725 K Street, N.W. Washington, D.C. 20006 (202) 659-2930

22950

23850

PATENT TRADEMARK OFFICE

Enclosures:

PTO-1449

(3) References

German Office Action of 11/7/03 w/Translation

Check for \$ 180.00

**INFORMATION DISCLOSURE CITATION** PTO-1449

Atty. Docket No. 000736

Serial No. 09/591,508

Applicant(s): CHIKUBA, et al.

Filing Date: June 12, 2000

Group Art Unit: 3723

## **U.S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
	AA			 			
*··	AB						
	AC		•				
	AD						
	AE	0		 			·

## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Translation (Yes or No)
 AF	7-60155	03/07/95	Japan	Abstract
 AG	5-92420	04/16/93	Japan	Abstract
 AH	DE 692 11 276 T2	12/12/96	German	No
 AI				
AJ				×

## **OTHER DOCUMENTS**

	AK AL	German Office Action of 11/17/03 with Translation.	RECEIVED MAY 0 4 2004 TECHNOLOGY CENTER R3700
Examiner		Date Considered	TEOTINGEOGY